

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1-11. (canceled)

12. (currently amended) ~~The system of claim 1,~~ A system for wireless transfer  
of data, said system comprising:

a host transceiver unit configured to be connected with a host via a bus, and  
configured to wirelessly exchange data with a human interface device;

a human interface device configured to wirelessly exchange data with a host  
transceiver; and

computer readable media having instructions thereon, said instructions  
comprising routines for synchronizing said host transceiver unit and said human interface device  
for wirelessly exchanging data between said host transceiver and said human interface device at  
a spread spectrum modulation pattern which is determined by said host transceiver unit after said  
host transceiver unit and said human interface device have acknowledged each other's presence;

wherein said host transceiver unit is configured to broadcast at one of a plurality  
of host spread spectrum modulation patterns, each of which is a function of the host  
communication state;

said human interface device is configured to broadcast at one of a plurality of  
device spread spectrum modulation patterns, each of which is a function of the device  
communication state; and

wherein said host transceiver unit and said human interface device broadcast at a  
same spread spectrum modulation pattern after said host receiver and said human interface  
device have acknowledged each other's presence.

13. (original) The system of claim 12, wherein said host communication state comprise off, scan, and connected states, and wherein said device communication states comprise sleep, scan and connected states.

14. - 28. (canceled)

29. (previously presented) A method of establishing a wireless connection between a human interface device and a host transceiver unit comprising:

- connecting said host transceiver with a host;
- transmitting a proposal identification at a first host transceiver spread spectrum modulation pattern using said host transceiver;
- detecting said proposal identification using said human interface device;
- adjusting said human interface device to transmit at said first transceiver spread spectrum modulation pattern;
- transmitting a signal including said proposal identification to said host transceiver using said human interface device at said first host transceiver spread spectrum modulation pattern;
- receiving said proposal identification from said human interface device, using said host transceiver; and
- establishing said wireless connection using said host transceiver unit upon said host transceiver receiving said signal including said proposal identification sent by said human interface device, wherein said establishing said wireless connection further comprises:
  - generating a marriage identification using said host transceiver unit;
  - transmitting data including said marriage identification from said host transceiver unit to said human interface device using said first host transceiver spread spectrum modulation pattern;
  - adjusting said human interface device to transmit at said second host transceiver spread spectrum modulation pattern;
  - receiving said data by said human interface device; and

24 transmitting data from said human interface device to said host transceiver at said  
25 same second host receiver spread spectrum modulation pattern.

1 30. (canceled)

1 31. (previously presented) A method of establishing a wireless connection  
2 between a human interface device and a host transceiver unit comprising:

3 connecting said host transceiver with a host;

4 transmitting a proposal identification at a first host transceiver spread spectrum  
5 modulation pattern using said host transceiver;

6 detecting said proposal identification using said human interface device;

7 adjusting said human interface device to transmit at said first transceiver spread  
8 spectrum modulation pattern;

9 transmitting a signal including said proposal identification to said host transceiver  
10 using said human interface device at said first host transceiver spread spectrum modulation  
11 pattern;

12 receiving said proposal identification from said human interface device, using  
13 said host transceiver; and

14 establishing said wireless connection using said host transceiver unit upon said  
15 host transceiver receiving said signal including said proposal identification sent by said human  
16 interface device,

17 wherein said wireless connection includes exchanging data over a 900 MHz  
18 wireless connection.

1 32. (canceled)

1 33. (previously presented) A method of establishing a wireless connection  
2 between a human interface device and a host transceiver unit comprising:

3 connecting said host transceiver with a host;  
4 transmitting a proposal identification at a first host transceiver spread spectrum  
5 modulation pattern using said host transceiver;  
6 detecting said proposal identification using said human interface device;  
7 adjusting said human interface device to transmit at said first transceiver spread  
8 spectrum modulation pattern;  
9 transmitting a signal including said proposal identification to said host transceiver  
10 using said human interface device at said first host transceiver spread spectrum modulation  
11 pattern;  
12 receiving said proposal identification from said human interface device, using  
13 said host transceiver; and  
14 establishing said wireless connection using said host transceiver unit upon said  
15 host transceiver receiving said signal including said proposal identification sent by said human  
16 interface device;  
17 wherein said wireless connection includes exchanging data over a 900 MHz  
18 spread spectrum wireless connection.

1 34. (original) A method of establishing a wireless connection between a  
2 human interface device and a host transceiver unit comprising:  
3 connecting said host transceiver with a host;  
4 transmitting a proposal identification at a first human interface device spread  
5 spectrum modulation pattern using said human interface device;  
6 detecting said proposal identification using said host transceiver unit;  
7 adjusting said host transceiver unit to transmit at said first human interface device  
8 spread spectrum modulation pattern;  
9 transmitting a signal including said proposal identification to said human interface  
10 device using said host transceiver unit at said first human interface device spread spectrum  
11 modulation pattern;  
12 receiving said proposal identification from said host transceiver unit, using said  
13 human interface device; and

14                    establishing said wireless connection using said human interface device upon said  
15    human interface device receiving said signal including said proposal identification sent by said  
16    host transceiver unit.

1                    35.    (original) The method of claim 34, wherein said establishing said wireless  
2    connection further comprises:  
3                    generating a marriage identification using said human interface device;  
4                    transmitting data including said marriage identification from said human interface  
5    device to said host transceiver unit at a second human interface device spread spectrum  
6    modulation pattern;  
7                    adjusting said host transceiver unit to transmit at said second human interface  
8    device spectrum modulation pattern;  
9                    receiving said data by said host transceiver unit; and  
10                   transmitting data from said host transceiver to said human interface device at said  
11    same second human interface device spread spectrum modulation pattern.

1                    36.    (canceled)